UNITED STATES PATENT AND TRADEMARK OFFICE

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EXAMINER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *05 May 2009*.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-10 and 13-28* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-10 and 13-28* is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
        1.☐ Certified copies of the priority documents have been received.
        2.☐ Certified copies of the priority documents have been received in Application No. _____.
        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.
4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

1.   This **Second Non-Final** action is responsive to the amendment filed on 5/5/2009.

2.   In the amendment claims 1-10 & 13-28 remain pending. Claims 11-12 have been canceled. Claims 1, 6, 13, 18, 23 and

26 are the independent claims.

Withdrawn Rejections

3.   The 35 U.S.C. 101 rejections of claims 11-12, 13-17 and 18-22 have been withdrawn in light of the amendment.

4.   The 35 U.S.C. 102 (e) rejections of claims 1-28 with cited reference of Brown (U.S. 6,665,838) have been withdrawn

in light of the persuasive arguments.

Claim Rejections - 35 USC § 102

5.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under

this section made in this Office action:

> (a) the invention was known or used by others in this country, or patented or described in a printed publication in this
> or a foreign country, before the invention thereof by the applicant for a patent.

6.   Claims 1-10 and 13-28 are rejected under 35 U.S.C. 102(a) as being anticipated by Yang (U.S. 6,301,586, published on

Oct. 9, 2001).

> **Regarding Independent claims 1, 13 and 23,** A computer-implemented method of generating a paper document based
>
> upon a plurality of multimedia documents storing multimedia information in electronic form, the method comprising:
>
> receiving information at a processor of a computer system identifying a selection criterion; analyzing with the
>
> processor of the computer system the multimedia information stored by the plurality of multimedia documents based on
>
> the information to identify portions of video information or audio information in the multimedia information that
>
> satisfy the selection criterion; extracting the identified portions of video information or audio information in the
>
> multimedia information with the processor of the computer system including at least a first portion of video
>
> information or audio information extracted by the processor from a first multimedia document in the plurality of
>
> multimedia documents and a second portion of video information or audio information extracted by the processor from
>
> a second multimedia document in the plurality of multimedia documents; and printing the portions of Video
>
> information or audio information in the multimedia information that satisfy the selection criterion using an output

device associated with the computer system, including the extracted first portion and the extracted second portion, on a paper medium to generate the paper document comprising a set of one or more printed pages.

Yang discloses generating a paper document based on a plurality of multimedia documents defined as a collection (see column 1, lines 45-67 & column 2, lines 14-25 & column 14, lines 60-67 & column 15, lines 5-67 & fig 18). Yang's system operates on a computer and includes a processor thereby performing the steps of analyzing multimedia information (see column 5, line 11). He discloses identifying a selection criterion as using search related functions/query as is known in the art for searching and accessing databases to retrieve multimedia objects (column 7, lines 19-26). Column 24, lines 40-50 discloses "The real power of this media database management system is the powerful and flexible way **to query the database system by using predefined criteria**" thereby teaching identifying a selection criterion. The processor analyzes the multimedia information stored by a plurality of multimedia documents to identify portions as clips of video information or audio as sound components as disclosed in column 1, lines 45-67 that satisfy the predefined criteria. He discloses extracting the identified portions of video information as clips or audio information as sound components extracted by the processor from a first multimedia document. All the clips of a first multimedia document are stored as a collection and those of a second multimedia document as a second collection and those of a third multimedia document as a third collection etc., limited only by the storage capabilities of a device (see fig 7 disclosing videos thereby comprising a plurality of multimedia documents). Furthermore the user can extract the clips or sound components based on the criterion to generate a new album/collection for printing as shown in fig 14-19. He discloses printing the portions of Video information or clips that satisfy the predefined criteria using an output device such as a printer that includes a first clip or portion from a first collection and a second clip from a second collection as a new collection on a paper medium to generate a set of one or more printed pages which includes the number of clips per page as specified by the user and disclosed in figs 19-21.

Regarding Dependent claims 2 and 14, Yang discloses wherein printing the portions of video information or audio information in the multimedia information that satisfy the selection criterion using the output device associated with the computer system on the paper medium to generate the paper document comprises: printing text information on at least one page of the set of printed pages of the paper document using the output device such that words in the text information that satisfy the selection criterion are annotated, wherein the text information is extracted by the processor from the portions of video information or audio information in the multimedia information (see column 22, lines 42-55 & fig 22-23, which discloses printing text information on a page as annotated data, the text information being extracted

by the processor from the clips).

Regarding Dependent claims 3 and 15, Yang discloses wherein printing the portions of <u>video information or audio</u> <u>information in</u> the multimedia information that satisfy the selection criterion <u>using the output device associated with the</u> <u>computer system</u> on the paper medium to generate the paper document comprises: printing one or more video frames on at least one page of the set of printed pages of the paper document <u>using the output device</u> such that at least one video frame that satisfies the selection criterion is annotated, wherein the one or more video frames are extracted <u>by the</u> <u>processor</u> from the portions of <u>video information in</u> the multimedia information (see column 1, lines 45-67 & column 2, lines 1-67, including the explanation provided in the Independent claim).

Regarding Dependent claims 4, 10, 16 and 22, Yang discloses wherein receiving <u>the information at the processor of</u> <u>the computer system</u> identifying the selection criterion comprises: receiving information <u>at the processor</u> identifying a topic of interest (see column 1, lines 45-67 & column 2, lines 1-67, including the explanation provided in the Independent claim).

Regarding Dependent claims 5, 17 and 25, Yang discloses wherein printing the portions of <u>video information or</u> <u>audio information in</u> the multimedia information that satisfy the selection criterion <u>using the output device associated</u> <u>with the computer system</u> on the paper medium to generate the paper document comprises: generating a printable representation <u>using the processor</u> for the portions of the <u>video information or audio information in the</u> multimedia information that satisfy the selection criterion; and printing the printable representation <u>using the output device</u> on the paper medium to generate the paper document (see column 1, lines 45-67 & column 2, lines 1-67, including the explanation provided in the Independent claim).

Regarding Independent claims 6, 18 and 26, A method of generating a paper document using multimedia information stored by a first multimedia document and a second multimedia document, the method comprising: Receiving<u>, at the processor of a computer system,</u> input identifying a selection criterion; Accessing <u>with the processor</u> printable representations for the first multimedia document and the second multimedia document; Analyzing <u>with the</u> <u>processor</u> the printable representation for the first multimedia document in response to the input to identify at least one portion of the printable representation that satisfies the selection criterion; analyzing<u> with the processor</u> the printable representation for the second multimedia document in response to the input to identify at least one portion of the

printable representation that satisfies the selection criterion; generating a consolidated printable representation <u>with the processor</u> that includes the at least one portion of the printable representation for the first multimedia document and the at least one portion for the second multimedia document that satisfy the selection criterion; and printing the consolidated printable representation <u>using an output device associated with the computer system</u> on a paper medium to generate the paper document comprising one or more printed pages.

Yang discloses generating a paper document based on a plurality of multimedia documents defined as a collection (see column 1, lines 45-67 & column 2, lines 14-25 & column 14, lines 60-67 & column 15, lines 5-67 & fig 18). Yang's system operates on a computer and includes a processor thereby performing the steps of analyzing multimedia information (see column 5, line 11). He discloses identifying a selection criterion as using search related functions/query as is known in the art for searching and accessing databases to retrieve multimedia objects (column 7, lines 19-26). Column 24, lines 40-50 discloses "The real power of this media database management system is the powerful and flexible way **to <u>query</u> the database system by using <u>predefined criteria</u>**" thereby teaching identifying a selection criterion. The processor analyzes the multimedia information stored by a plurality of multimedia documents to identify portions as clips of video information or audio as sound components as disclosed in column 1, lines 45-67 that satisfy the predefined criteria. He discloses extracting the identified portions of video information as clips or audio information as sound components extracted by the processor from a first multimedia document. All the clips of a first multimedia document are stored as a collection and those of a second multimedia document as a second collection and those of a third multimedia document as a third collection etc., limited only by the storage capabilities of a device (see fig 7 disclosing videos thereby comprising a plurality of multimedia documents). Furthermore the user can extract the clips or sound components based on the criterion to generate a new album/collection for printing as shown in fig 14-19. He discloses printing the portions of Video information or clips that satisfy the predefined criteria using an output device such as a printer that includes a first clip or portion from a first collection and a second clip from a second collection as a new collection on a paper medium to generate a set of one or more printed pages which includes the number of clips per page as specified by the user and disclosed in figs 19-21.

Regarding Dependent claims 7, 19 and 27, Yang discloses wherein: analyzing the printable representation for the first multimedia document comprises determining at least one page in the printable representation for the first multimedia document that comprises information that satisfies the selection criterion; analyzing the printable

representation for the second multimedia document comprises determining at least one page in the printable

representation for the second multimedia document that comprises information that satisfies the selection criterion; and

generating the consolidated printable representation comprises including the at least one page from the printable

representation for the first multimedia document and the at least one page from the printable representation for the

second multimedia document in the consolidated printable representation (see column 1, lines 45-67 & column 2, lines

1-67, including the explanation provided in the Independent claim).

Regarding Dependent claims 8 and 20, Yang discloses wherein printing the consolidated printable representation on

the paper medium to generate the paper document comprises: printing text information on at least one page of the one

or more printed pages of the paper document such that words in the text information that satisfy the selection criterion

are annotated (see column 1, lines 45-67 & column 2, lines 1-67, including the explanation provided in the Independent

claim).

Regarding Dependent claims 9 and 21, Yang discloses wherein printing the consolidated printable representation on

the paper medium to generate the paper document comprises: printing one or more video frames on at least one page of

the one or more printed pages of the paper document such that at least one video frame of the one or more video frames

that satisfies the selection criterion is annotated (see column 1, lines 45-67 & column 2, lines 1-67, including the

explanation provided in the Independent claim).

Regarding Dependent claim 24, with dependency of claim 23, Yang discloses wherein the code for printing the

portions of <u>video information or audio information</u> the multimedia information that satisfy the selection criterion on the

paper medium to generate the paper document comprises: code for printing text information on at least one page of the

set of printed pages of the paper document such that words in the text information that satisfy the selection criterion are

annotated, wherein the text information is extracted from the portions of <u>video information or audio information in</u> the

multimedia information; and code for printing one or more video frames on the at least one page such that at least one

video frame that satisfies the selection criterion is annotated, wherein the one or more video frames are extracted from

the portions of <u>video information or audio information in</u> the multimedia information (see column 1, lines 45-67 &

column 2, lines 1-67, including the explanation provided in the Independent claim).

Regarding Dependent claim 28, with dependency of claim 26, Yang discloses wherein the code for printing the consolidated printable representation on the paper medium to generate the paper document comprises: code for printing text information on at least one page of the one or more printed pages of the paper document such that words in the text information that satisfy the selection criterion are annotated; and code for printing one or more video frames on at least one page of the one or more printed pages of the paper document such that at least one video frame of the one or more video frames that satisfies the selection criterion is annotated (see column 1, lines 45-67 & column 2, lines 1-67, including the explanation provided in the Independent claim).

It is noted that any citation [[s]] to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references <u>should not be considered to be limiting in any way.</u> A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. [[See, MPEP 2123]]

Response to Arguments

7.   Applicants arguments filed 5/5/2009 have been fully considered but are moot in view of the new grounds of rejection.

Conclusion

References Cited

8.   The art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Ryu et al. (U.S. Pub 2005/0254069) discloses "Method Of Providing Multimedia Data For Direct Printing, Direct Printing Method And Apparatus Thereof"

- Colas et al. (U.S. Pub 2003/0046152) discloses "Electronic Advertisement System And Method"

- Carlson (U.S. Pub 2003/0009773) discloses "Video Event Capture, Storage And Processing Method And Apparatus"

- Reed et al. (U.S. 7,051,018) discloses "Multimedia Search System"

- Morita et al. (U.S. 6,449,608) discloses "Video Searching Method And Apparatus, Video Information Producing Method, And Storage Medium For Storing Processing Program Thereof"

- Schena et al. (U.S. 6,448,979) discloses "Printed Medium Activated Interactive Communication Of Multimedia Information, Including Advertising"

- Plantz et al. (U.S. 6,088,702) discloses "Group Publishing System"

- Ahmad (U.S. 6,009,204) discloses "Method Of Compressing A Plurality Of Video Images For Efficiently Storing, Displaying And Searching The Plurality Of Video Images"

- Kenner et al. (U.S. 5,956,716) discloses "System And Method For Delivery Of Video Data Over a Computer Network"

- Takahashi (U.S. 5,926,285) discloses "Image Reproduction System For Reproducing A Still Image From A Video"

- Edihara et al. (U.S. 5,115,320) discloses "Apparatus For Editing And Printing A Video Image"

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Manglesh M. Patel whose telephone number is (571) 272-5937. The examiner can normally be reached on M,F 8:30-6:00 T,TH 8:30-3:00 Wed 8:30-7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen S. Hong can be reached on (571)272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Manglesh M. Patel
Patent Examiner (AU 2178)
July 31, 2009

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Examiner, Art Unit 2178

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